

Converting Colors

`RYB(95, 124, 152)`

Have a look what the booklet for
RYB(95, 124, 152) contains.

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Color

R_YB(95, 124, 152)

Conversions

Conversions Part 1

Format	Color
Hex	5F9896
RGB	95, 152, 150
RGB Percent	37%, 60%, 59%
CMY	0.6275, 0.4039, 0.4116
CMYK	0.38, 0.00, 0.01, 0.40
HSL	178°, 23%, 48%
HSV	178°, 38%, 60%
XYZ	21.4554, 27.0925, 32.9673
YIQ	134.7290, -33.3300, -12.7060

Conversions

Conversions Part 2

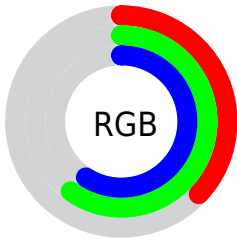
Format	Color
R _Y B	95, 124, 152
Decimal	6264982
CIE Lab	59.06, -19.09, -4.88
CIE LCh	59, 19.708, 194.351
Yxy	27.0925, 0.2632, 0.3324
Android (android.graphics.Color)	4284455062 (0xFF5F9896)
YUV	134.7290, 7.5286, -34.8423
Hunter-Lab	52.0504, -17.5100, -1.1173

Details

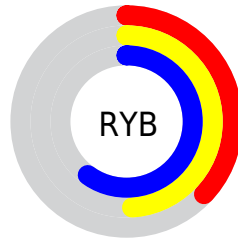
The RYB color `95, 124, 152` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `152, 95, 97`, and the grayscale version is `135, 135, 135`.

A 20% lighter version of the original color is `148, 178, 206`, and `43, 73, 101` is the 20% darker color. If you saturate the color by 10%, you get `80, 117, 152`, and if you desaturate by 10%, it is `110, 131, 152`.

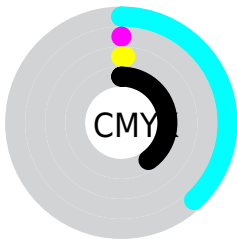
Distribution



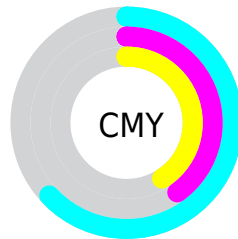
- Red (37%)
- Green (60%)
- Blue (59%)



- Red (37%)
- Yellow (49%)
- Blue (60%)



- Cyan (38%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)




- Cyan (63%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 95, 124, 152 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 95, 124, 152 by changing the saturation by 10% instead.

 95, 124, 152


255, 255, 255

 148, 178, 206

 176, 206, 235

 204, 230, 255

 232, 244, 255


 95, 124, 152

 69, 98, 126

 43, 73, 101


 13, 45, 77


 0, 27, 54


 0, 16, 32


 0, 0, 8

 0, 0, 0

 95, 124, 152

 80, 117, 152

 95, 124, 152

 110, 131, 152

■ 65, 109, 152

■ 125, 139, 152

■ 49, 102, 152

■ 141, 147, 152

■ 34, 94, 152

■ 156, 152, 152

■ 19, 87, 152

■ 171, 152, 153

■ 4, 79, 152

■ 186, 152, 153

■ 0, 77, 152

■ 201, 152, 154

■ 217, 152, 154

■ 232, 152, 155

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



108, 136, 151



95, 124, 152



95, 126, 166

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95, 124, 152



155, 135, 167



156, 163, 109

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



95, 124, 152



152, 95, 97

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



175, 138, 119



95, 124, 152



171, 131, 152

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95, 124, 152



133, 140, 175



178, 130, 134



112, 147, 109

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 124, 152



104, 131, 173



178, 130, 134



168, 156, 111

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



95, 124, 152



175, 186, 196



95, 152, 149



87, 93, 99



227, 227, 227



99, 99, 99

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 124, 152



108, 153, 196



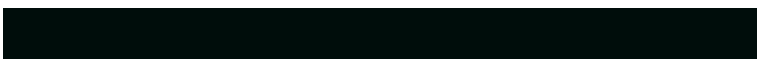
95, 115, 152



69, 73, 77



0, 71, 140



0, 7, 13

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



152, 95, 97



196, 108, 111



152, 143, 95



77, 69, 69



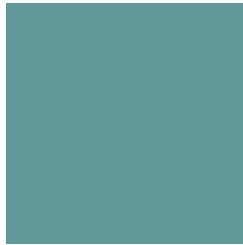
140, 0, 5



13, 0, 0

Previews

White Background



This preview shows how the RYB color 95, 124, 152 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 95, 124, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

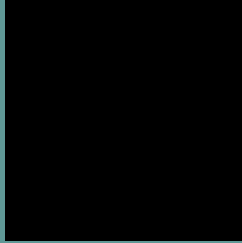
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 95, 124, 152 Background



This preview shows how black text looks on a background with the R Y B color 95, 124, 152.



This preview shows how white text looks on a background with the R Y B color 95, 124, 152.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

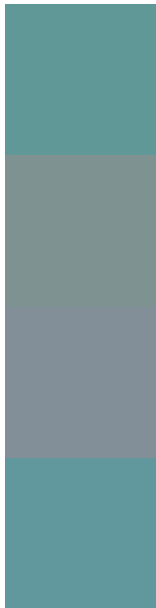
Dichromacy





Tritanopia
98, 127, 162

Trichromacy



Original Color
95, 124, 152

Protanomaly
126, 136, 146

Deuteranomaly
130, 138, 152

Tritanomaly
97, 126, 158

Monochromacy



Original Color
95, 124, 152

Achromatopsia
135, 135, 135

Achromatomaly
120, 131, 141

CSS Examples

Text

The CSS property to change the color of the text to RYB 95, 124, 152 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(95, 152, 150)` looks like.

```
.text, #text, p{  
    color:rgb(95, 152, 150)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(95, 152, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 152, 150) }
```

Border

The CSS property to change the border of an element to RYB 95, 124, 152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 152, 150) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(95, 152, 150) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(95, 152, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 152, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 152, 150);  
box-shadow:4px 4px 4px 4px rgb(95, 152,  
150) }
```

Background

The CSS property to change the background color of an element to RGB 95, 124, 152 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 152, 150) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(95, 152,  
150) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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